

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number  
**WO 2005/075170 A1**

(51) International Patent Classification<sup>7</sup>: **B29C 37/00**,  
B05B 15/12, 13/02

(21) International Application Number:  
PCT/EP2005/000979

(22) International Filing Date: 1 February 2005 (01.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
04002346.7 3 February 2004 (03.02.2004) EP

(71) Applicant (for all designated States except US): **LINDE AKTIENGESELLSCHAFT** [DE/DE]; Abraham-Lincoln-Strasse 21, 65189 Wiesbaden (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LARSSON, Owe** [SE/SE]; Betesvägen 51, S-263 54 Höganäs (SE). **HENS, Christer** [SE/SE]; Möllegränden 14, S-252 23 Helsingborg (SE).

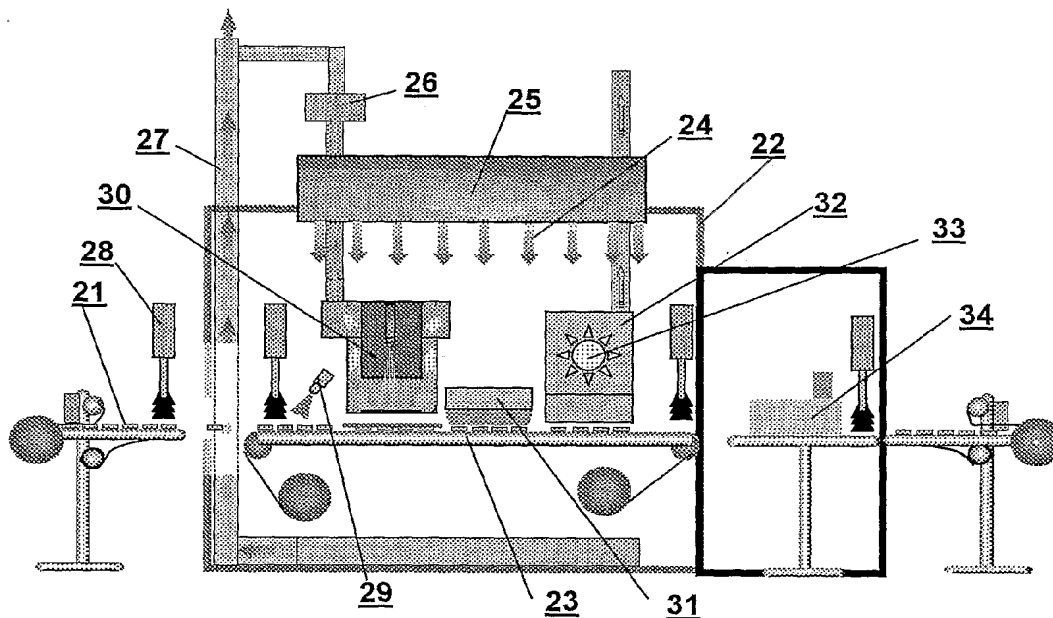
(74) Common Representative: **LINDE AKTIENGESELLSCHAFT**; Zentrale Patentabteilung, Dr.-Carl-Von-Linde-Str. 6-14, 82049 Höllriegelskreuth (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SURFACE COATING DEVICE



(57) Abstract: The invention relates to a system and a method for producing and coating an object (21), comprising a manufacturing machine and an object treating device. The object treating device comprises a painting station (30) with means for applying a coating to a surface of said object (21), at least another station (31, 32) for treating said object (21) and a tape conveyor belt (23) for moving said object (21) between said stations (30, 31, 32). The object treating device is provided with an enclosure (22) comprising means (25, 26, 27) to create a controlled atmosphere within said enclosure (22). The manufacturing machine is located outside said enclosure (22).

WO 2005/075170 A1



**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*